



MAR 6 1980

## Material Safety Data Sheet

NUMBER

491

(Approved by U.S. Department of Labor as "essentially similar" to Form LSB-OOS-4)

## SECTION I IDENTIFICATION OF PRODUCT

MANUFACTURER'S NAME	AMERICAN CYANAMID COMPANY	EMERGENCY TELEPHONE NO.	(201) 835-3100
ADDRESS	Old Post Road, Havre de Grace, Maryland 21078		
TRADE NAME AND SYNONYMS	HT*-424 Foam, Type I, Part A		
CHEMICAL NAME AND SYNONYMS	Phenolic resins		
CHEMICAL FAMILY	Not applicable	MOLECULAR FORMULA	Not applicable

## SECTION II HAZARDOUS COMPONENTS OF MIXTURES

COMPONENT	%	THRESHOLD LIMIT VALUE (UNITS)
Acetone	8	1000 parts per million

## SECTION III PHYSICAL DATA

APPEARANCE AND COLOR	Dark brown, slightly viscous liquid; phenolic odor.		
BOILING POINT (DEGREES FAHRENHEIT)	Not available	SPECIFIC GRAVITY (WATER = 1)	About 1.2
VAPOR PRESSURE (MM. OF MERCURY)	Not available	PERCENT VOLATILE (BY VOLUME)	About 10 (by weight)
VAPOR DENSITY (AIR = 1)	2.0 (acetone)	EVAPORATION RATE (BUTYL ACETATE = 1)	Not available
SOLUBILITY IN WATER	Appreciable	EVAPORATION RATE (ETHYL ETHER = 1)	Not available

## SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (SPECIFY METHOD) (DEGREES FAHRENHEIT)	157 Closed Cup	FLAMMABLE LIMITS (PERCENT BY VOLUME)	LOWER	UPPER
			Not available	Not available
FIRE-EXTINGUISHING MEDIA	"Alcohol" foam, CO <sub>2</sub> , dry chemical, or water spray.			
SPECIAL FIRE-FIGHTING PROCEDURES	Use water-spray to keep containers cool.			
UNUSUAL FIRE AND EXPLOSION HAZARDS	None			

THIS INFORMATION IS GIVEN WITHOUT A WARRANTY OR REPRESENTATION. WE DO NOT ASSUME ANY LEGAL RESPONSIBILITY FOR SAME, NOR DO WE GIVE PERMISSION, INDUCEMENT, OR RECOMMENDATION TO PRACTICE ANY PATENTED INVENTION WITHOUT A LICENSE. IT IS OFFERED SOLELY FOR YOUR CONSIDERATION, INVESTIGATION AND VERIFICATION. BEFORE USING ANY PRODUCT READ ITS LABEL.

READ THE BACK

\* trademark American Cyanamid Company

BOE-C6-0201460

## SECTION V HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE See Section II.

### EFFECTS OF OVEREXPOSURE

None expected.

### EMERGENCY AND FIRST AID PROCEDURES

None required. Ordinary measures of personal hygiene should be adequate.

## SECTION VI REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID  None
	STABLE	X	
INCOMPATIBILITY (Materials to avoid) No specific incompatibility.			
HAZARDOUS DECOMPOSITION PRODUCTS Thermal decomposition may produce carbon monoxide and/or carbon dioxide.			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID  None
	WILL NOT OCCUR	X	

## SECTION VII SPILL OR LEAK PROCEDURES

### STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Remove sources of ignition. Cover with some inert absorbent material; sweep up and place in a waste disposal container. Flush area with water.

### WASTE DISPOSAL METHOD

Disposal must be made in accordance with federal, state and local regulations.

## SECTION VIII SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type) The need for respiratory protection should be determined by an industrial hygiene evaluation. If concentration exceeds the OSHA permissible level, wear respiratory protection approved by NIOSH appropriate to the degree of exposure.

VENTILATION	LOCAL EXHAUST	Preferable	SPECIAL	None
	MECHANICAL (General)	Acceptable	OTHER	None
PROTECTIVE GLOVES Not required			EYE PROTECTION Splashproof goggles	
OTHER PROTECTIVE EQUIPMENT None				

## SECTION IX SPECIAL PRECAUTIONS

### PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Precautions for a Class IIIA combustible liquid.

### OTHER PRECAUTIONS

None

## SECTION X DATE AND SOURCE OF INFORMATION

DATE Revised January 30, 1977	NAME AND TITLE C. Boyd Shaffer, Ph.D. Director of Toxicology	SHEET NUMBER  491
-------------------------------------	--	-------------------------